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U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 06666-022002

Application No. 10/045,178

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Noriyuki Kasahara et al.

Filing Date January 11, 2002

Group Art Unit 1632

(37 CFR §1.98(b))

			U.S. Patent	Documents			
Examiner - Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AO							
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	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
1, P	AQ	Murakami, et al., "High-level expression of exogenous genes by replication-competent retrovirus vectors with an internal ribosomal entry site", Gene, vol. 202, pp. 23-29 (1997).						
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			U.S. Patent	Documents			
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	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner Initial	Desig.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	· Trans Yes	lation No		
1.8,	AH	WO 97/32026	Sept 4, 1997	PCT				<u>. </u>		
1,0	AI	WO 94/11524	May 26, 1994	PCT						
	AJ									
	AK									
	AL									

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
. 1,6	AM	Chang, et al., "Human Immunodeficiency Viruses Containing Heterologous Enhancer/Promoters Are Replication Competent and Exhibit Different Lymphocyte Tropisms", <u>Journal of Virology</u> , Vol. 67, No. 3, pp. 743-752, February, 993						
1,P	AN	Faustinella, et al., "A New Family of Murine Retroviral Vectors with Extended Multiple Cloning Sites for Gene Insertion", Human Gene Therapy, Vol. 5, pp. 307-312, 1994						
	AO							
	AP							

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Group Art Unit

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	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document					
1, P.	AL	Ianni Di M et al., "Retroviral Transfer of Herpes Simplex Virus-Thymidine Kinase and Beta-Galactosidase Genes into U937 Cells with Bicistronic Vector", <u>Leukemia Research</u> , Vol. 21, No. 10, 1997 (pp. 951-959					
	AM	Schmidt M et al., "Replicating Foamy Virus-Based Vectors Directing High Level Expression of Foreign Genes", Virology, Vol. 210, (1995), pp. 167-178					
1.0.	AN	Terwilliger E F et al., "Construction and Use of a Replication-Competent Human Immunodeficiency Virus HIV-1 that Expresses the Chloramphenicol Acetyltransferase Enzyme," Proceedings of the National Academy of Sciences of the United States, Vol. 86, No. 10, 1989, pp. 3857-3861					

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U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 06666-022001

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Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Noriyuki Kasahara, et al.

(37 CFR §1.98(b))

Filing Date
October 1, 1999

Group Art Unit 1641

U.S. Patent Documents										
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	Other Documents (include Author, Title, Date, and Place of Publication)								
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1.8	AQ	Fu et al., "Viral sequences enable efficient and tissue-specific expression of transgenes in Xenopus", Nature Biotechnology, Volume 6, March 1988							
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